

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended) A method of making retroreflective elements comprising:
providing a plurality of core particles;
coating the particles with an unsolidified crosslinkable polymeric composition forming coated particles;
mechanically mixing the coated particles with optical elements in a continuous process by means of at least one rotating mixing member such that optical elements are embedded in the unsolidified crosslinkable polymeric composition; and
solidifying the crosslinkable polymeric composition by curing forming retroreflective elements.
- 2-3. (cancelled)
4. (previously presented) The method of claim 1 wherein an excess of optical elements are provided and the method further comprises separating the retroreflective elements having the embedded optical elements from the excess optical elements.
5. (original) The method of claim 1 wherein the core particles ranges in size from about 0.1 mm to about 3 mm.
6. (original) The method of claim 1 wherein the core particles consist of an inorganic material.
7. (original) The method of claim 6 wherein the particles consist of a material selected from sand, roofing granules, and skid particles.
8. (cancelled)

9. (previously presented) The method of claim 1 wherein the mixing member comprises a rotating disc and a restrictor adjacent to the disc that provides a gap for egress of the retroreflective elements.

10. (previously presented) The method of claim 12 wherein the mixing member comprises extruder screws.

11. (previously presented) The method of claim 12 wherein the mixing member comprises grinding plates.

12. (previously presented) The method of claim 1 wherein the mixing member comprises at least two co-rotating or counter-rotating mixing members.

13. (original) The method of claim 1 further comprising combining the unsolidified polymeric composition with at least one light scattering material.

14. (original) The method of claim 13 wherein the light scattering material is selected from the group comprising diffusely reflecting pigments, specularly reflecting pigment and combinations thereof.

15. (original) The method of claim 1 wherein the optical elements consist of microcrystalline beads.

16. (original) The method of claim 15 wherein the microcrystalline beads consist of glass-ceramic beads.

17. (original) The method of claim 15 wherein the microcrystalline beads consist of non-vitreous beads.

18. (original) The method of claim 1 wherein the optical elements are surface treated with at least one adhesion promoting agent.

19. (original) The method of claim 1 wherein the optical elements are surface treated with at least one floatation agent.

20. (original) The method of claim 19 wherein the floatation agent is a fluorochemical.

21. (original) The method of claim 1 wherein the optical elements comprise first optical elements having a refractive index ranging from about 1.5 to about 2.0 and second optical elements have a refractive index ranging from about 1.7 to about 2.4.

22. (currently amended) A method of making retroreflective elements comprising:
providing a plurality of core particles having surfaces comprising an unsolidified crosslinkable polymeric composition;
mechanically mixing the core particles with optical elements by means of a device comprising at least one rotating mixing member selected from the group consisting of a disc, an extruder screw, co-rotating blades, counter-rotating blades, and a grinding plate, such that optical elements are embedded in the unsolidified crosslinkable polymeric composition; and
solidifying the crosslinkable polymeric composition by curing forming retroreflective elements.

23. (cancelled)

24. (currently amended) The method of claim 22 wherein the method further comprising coating [[a]] inorganic core particles with the unsolidified crosslinkable polymeric material.

25. (cancelled)

26. (currently amended) A method of coating particles comprising:
providing a plurality of inorganic core particles;

coating the particles with an unsolidified polymeric composition forming coated core particles; mechanically mixing the coated particles with second particles by means of a device comprising at least one rotating mixing member selected from the group consisting of a disc, an extruder screw, co-rotating blades, counter-rotating blades, and a grinding plate, such that second particles are embedded in the unsolidified polymeric composition of the core particles; and solidifying the polymeric composition.

27. (original) The method of claim 26 wherein the core particles have a maximum dimension and the second particle have a maximum dimension that is less than half the maximum dimension of the core particles.

28. (original) The method of claim 26 wherein the unsolidified polymeric composition is a bonded resin core precursor composition.

29. (currently amended) The method of claim 26 wherein the core particles comprise[[s]] an inorganic material.

30. (currently amended) A method of making retroreflective elements comprising: providing a plurality of inorganic core particles; coating the particles with an unsolidified polymeric composition forming coated core particles; mechanically mixing the coated particles with second particles by means of a device comprising at least one rotating mixing member selected from the group consisting of a disc, an extruder screw, co-rotating blades, counter-rotating blades, and a grinding plate, such that second particles are embedded in the unsolidified polymeric composition of the core particles; and solidifying the polymeric composition.

31. (previously presented) The method of claim 1 wherein the mixing members have a surface area; the core particles, unsolidified polymeric composition, and optical elements have a volume; and a ratio of the surface area of the mixing member to the volume is about 1:7.

32. (currently amended) The method of claim 12 wherein the mixing device forces the coated particles and optical elements through at least one ~~high force~~ shear field.

33. (cancelled)

34. (new) The method of claim 28 wherein solidifying comprises curing the unsolidified polymeric composition.

35. (new) The method of claim 30 wherein the unsolidified polymeric composition is a bonded resin core precursor composition.

36. (new) The method of claim 35 wherein solidifying comprises curing the bonded resin core precursor composition.